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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JAN 1 6 2007

Application of:

Docket No. 33026

ROGAN, PETER et al.

Group Art Unit No. 1634

Serial No.: 10/676,248

Gloup Alt Chil No. 1034

Filed: September 30, 2003

Examiner: Steven C. Pohnert

SUBTELOMERIC DNA PROBES AND METHOD OF PRODUCING SAME

Commissioner of Patents Mailstop: Amendments Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

In response to the Office Action dated September 15, 2006, Applicants respectfully request entry of this response.

Amendments to and Listing of Claims begin on page 2 of this paper.

Remarks begin of page 11 of this paper.